

PALACE CHEMICALS LTD

Speke Hall Industrial Estate; Speke; Liverpool L24 4AB
Tel: 0151 486 6101; Fax 0151 448 1982; e-mail technical@palacechemicals.co.uk

SAFETY DATA SHEET No. 002**PRODUCT: ANTI-FREEZE RAPID SETTER**

SUBSTANCE IDENTIFICATION:			
ANTI-FREEZE RAPID SETTER SET ACCELERATING ADMIXTURE FOR CEMENT RENDERS			
COMPOSITION: An aqueous solution of calcium chloride, for addition to gauging liquid of mortars and renders.		HAZARDS CLASSIFICATION: IRRITANT Xi. IRRITATING IN CONTACT WITH EYES AND SKIN Avoid contact with skin & eyes. In case of contact with eyes, rinse immediately with copious volumes of water and promptly wash splashes off skin.	
FIRST AID MEASURES:			
INHALATION: If inhaled, clear out mouth with clean water and seek medical attention. If irritation or breathing difficulties persist, seek medical attention.	SKIN CONTACT: Wash off skin with clean running water. Remove and launder heavily soaked clothing which may be in contact with skin	INGESTION: Clean out mouth with copious volumes of water. Do not induce vomiting. Seek prompt medical attention and show this data sheet.	EYE CONTACT: Irrigate thoroughly for 15 minutes with clean running water or a boric saline eye wash bottle. Seek medical attention should eye irritation persist or become inflamed.
FIRE FIGHTING MEASURES: This product is a NON-FLAMMABLE water based building admixture. Outer packaging surrounding this product will combust at when exposed to flames			
ACCIDENTAL RELEASE MEASURES: Absorb large spillages on sand, sawdust or absorbent granules and confine residues in a clearly marked sealed container for disposal in accordance with Local Authority regulations for water based cleaning agents. Small residues can be washed away with hosed water			
HANDLING & STORAGE: Store in sealed, clearly marked containers. Keep out of reach of children in a cool well-ventilated and dry environment.			
EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT: Occupational exposure limit: None applicable			
Respiratory: Good ventilation is always recommended when spraying or splashing is likely.	Hand: Wear 17" long elbow length heavy duty natural rubber gloves or gauntlets approved to EN 374 & EN 420 with a BTT rating of > 8 hrs for strong alkalis when working with cement pastes.	Eye: Splash proof BS 2092 Goggles are advised wherever there is a risk of liquid admixture or cement paste entering the eyes.	Skin: Wear a disposable plastic apron or overalls, which should be laundered after use if contaminated. Waterproof safety boots/shoes are also recommended

PHYSICO-CHEMICAL PROPERTIES:		
Appearance – Clear liquid. Miscibility – Water only Ph – 10.5 – 11.5. Density – 1.18 +/- 0.03 gms / litre Odour – negligible. Solubility – 100% in water	Flash point - n/a Boiling point - > 100°C Oxidising properties - n/a Auto-ignition temperature - n/a Viscosity - water thin Miscibility - 100% with water - none with in oils	
STABILITY & REACTIVITY: Materials to avoid - Will react with concentrated acids and strong oxidising agents. Conditions to avoid - Avoid contact with aluminium surfaces No known hazardous decomposition products - dissolves to harmless soluble salts		
TOXICOLOGICAL INFORMATION: Non-toxic under normal condition of use.		
Acute toxicity: Eye irritant Corrosivity: N/A	Sensitisation: n/a Mutagenicity: n/a	Carcinogenicity: n/a Reproductive toxicity: n/a
ECOLOGICAL INFORMATION: Persistence & degradability - readily disperses and degrades to harmless salts in free-flowing watercourses Ecotoxicity – May harm aquatic life in confined low volume watercourses Bio-accumulative potential - All components are readily biodegradable.		
DISPOSAL CONSIDERATIONS: Dispose large volumes according to Local Authority regulations for aqueous, low hazard mildly alkaline inorganic solutions. Smaller volumes (less than 1kg) may be disposed with running water into household drains		
TRANSPORT INFORMATION: Not subject to CPL / ADR restrictions		
REGULATORY INFORMATION: CHIP Hazard symbols: Xi - IRRITANT - R36 / 38 - IRRITATING TO EYES AND SKIN Safety phrases: S2 – S24/25 – S36/37/39 - S64 Other regulatory controls: Health & Safety @ Work Act 1974; Control of Substances Hazardous to Health Regulations 1994. Environmental Protection Act 1990.		
FURTHER INFORMATION: The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.		